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Examiner-GAU Brown-3764

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a. Serial No.	f. Foreign Priority	k. Print Claim(s)	<b>p. PTO-1449</b>
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
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- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

## MESSAGE

PTD-449: Please either initial or line-through citations. Copy provided for reference.

## CLAIMS

- a. Claim(s) Missing
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- k. Other

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## RESPONSE

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OMB No. 0651-0011

**INFORMATION DISCLOSURE CITATION**  
 (Use several sheets if necessary)

Atty. Docket No.	101.0044-04000	Serial No.	09/605,001 (Cont. of 08/396,414)
Applicant	Gary K. Michelson, M.D.		
Filing Date	June 27, 2000	Group	(3764)

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	Des. 245,259	8/2/77	Shen			
	Des. 257,511	11/11/80	Zahn			
	Des. 260,525	09/01/81	Lassiter			
	Des. 281,814	12/17/85	Pratt et al.			
Lit. 1	Re. 31,865	4/16/85	Roux			
	Re. 34,871	3/7/95	McGuire et al.			
	350,420	10/5/1886	Dillon			
	1,137,585	4/27/15	Craig			
	2,065,659	12/29/36	Cullen			
	2,181,746	11/28/39	Siebrandt			
	2,243,718	5/27/41	De G. Moreira			
	2,372,622	3/27/45	Fassio			
	2,514,665	7/11/50	Myller			
	2,537,070	1/9/51	Longfellow			
	2,543,780	3/6/51	Hipps et al.			
	2,677,369	5/4/54	Knowles			
	2,774,350	12/18/56	Cleveland			
	2,789,558	4/23/57	Rush			
	2,832,343	4/29/58	Mose			
	2,842,131	7/8/58	Smith			
	2,878,809	03/24/59	Treace			
Lit. 2	3,128,768	4/14/64	Geistauts			
Lit. 1	3,298,372	1/17/67	Feinberg			

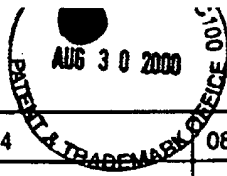


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	3,426,364	2/11/69	Lumb			
Lit. 2	3,486,505	12/30/69	Morrison			
Lit. 1	3,604,487	9/14/71	Gilbert			
	3,605,123	9/20/71	Hahn			
	3,618,611	11/09/71	Urban			
	3,709,219	1/9/73	Halloran			
	3,720,959	3/20/73	Hahn			
	3,750,652	8/7/73	Sherwin			
Lit. 2	3,848,601	11/19/74	Ma et al.			
	3,855,638	12/24/74	Pilliar			
	3,867,728	2/25/75	Stubstad et al.			
	3,867,950	02/25/75	Fischell			
Lit. 2	3,875,595	4/8/75	Froning			
	3,888,260	06/10/75	Fischell			
Lit. 2	3,892,232	7/1/75	Neufeld			
Lit. 1	3,905,047	9/16/75	Long			
	3,915,151	10/28/75	Kraus			
	3,916,907	11/04/75	Peterson			
	3,918,440	11/11/75	Kraus			
	3,942,535	03/09/76	Schulman			
	3,948,262	4/6/76	Zaffaroni			
	3,952,334	4/27/76	Bokros et al.			
	3,987,499	10/26/76	Scharbach et al.			
Lit. 1	4,016,651	4/12/77	Kawahara et al.			
	4,027,392	06/07/77	Sawyer et al.			
	4,051,905	10/4/77	Kleine			
	4,059,115	11/22/77	Jumashev et al.			
	4,070,514	1/24/78	Entherly et al.			
	4,082,097	04/04/78	Mann et al.			
Lit. 1	4,086,701	5/2/78	Kawahara et al.			
Lit. 1	4,124,026	11/7/78	Berner et al.			
	4,142,517	3/6/79	Stravropoulos et al.			
	4,168,326	9/18/79	Broemer et al.			

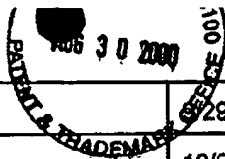


Lit. 1	4,175,555	10/27/79	Herbert			
Lit. 1	4,177,524	12/11/79	Grell et al.			
	4,181,457	1/1/80	Holmes			
	4,197,850	04/15/80	Schulman et al.			
	4,206,516	6/10/80	Pilliar			
	4,222,128	9/16/80	Tomonaga et al.			
	4,232,679	11/11/80	Schulman			
	4,232,679 B1	05/31/88	Schulman			
	4,237,948	12/9/80	Jones et al.			
	4,258,716	03/31/81	Sutherland			
Lit. 1	4,259,072	3/31/81	Hirabayashi et al.			
Lit. 1	4,262,369	4/21/81	Roux			
	4,271,832	6/9/81	Evans et al.			
	4,289,123	9/15/81	Dunn			
Lit. 1	4,293,962	10/13/81	Fuson			
	4,309,777	1/12/82	Patil			
Lit. 1	4,328,593	5/11/82	Sutter et al.			
	4,333,469	6/8/82	Jeffcoat et al.			
	4,341,206	7/27/82	Perrett et al.			
Lit. 1	4,349,921	9/21/82	Kuntz			
Lit. 1	4,356,572	11/2/82	Guillemin et al.			
	4,401,112	8/30/83	Rezaian			
	4,405,319	9/20/83	Cosentino			
	4,414,979	11/15/83	Hirshorn et al.			
	4,423,721	1/3/84	Otte et al.			
	4,439,152	3/27/84	Small			
	4,450,834	5/29/84	Fischer			
Lit. 1	4,484,570	11/27/84	Sutter et al.			
	4,492,226	1/8/85	Belykh et al.			
	4,497,320	02/05/85	Nicholson et al.			
Lit. 1 and 2	4,501,269	2/26/85	Bagby			
	4,507,115	3/26/85	Kambara et al.			
	4,530,360	7/23/85	Duarte			



Ogilvie, et al.

	4,535,374	08/13/85	Anderson et al.			
	4,535,485	8/20/85	Ashman et al.			
	4,542,539	9/24/85	Rowe, Jr. et al.			
Lit. 2	4,545,374	10/8/85	Jacobson			
	4,547,390	10/15/85	Ashman et al.			
	4,549,547	10/29/85	Brighton et al.			
	4,552,200	11/12/85	Sinha et al.			
	4,553,273	11/19/85	Wu			
	4,554,914	11/26/85	Kapp et al.			
	4,570,623	2/18/86	Ellison et al.			
Lit. 2	4,570,624	2/18/86	Wu			
	4,592,346	06/03/86	Jurgutis			
	4,599,086	7/8/86	Doty			
	4,600,000	7/15/86	Edwards			
	4,602,638	07/29/86	Adams			
	4,604,995		Stephens			
	4,608,052	8/26/86	Van Kampen et al.			
	4,611,581	9/16/86	Steffee			
	4,619,264	10/28/86	Singh			
	4,628,921	12/16/86	Rousso			
	4,634,720	1/6/87	Dorman et al.			
	4,636,217	1/13/87	Ogilvie et al.			
	4,636,526	1/13/87	Dorman et al.			
	4,645,503	2/24/87	Lin et al.			
Lit. 1	4,653,486	3/31/87	Coker			
	4,653,509	3/31/87	Oloff et al.			
	4,655,777	4/7/87	Dunn			
	4,661,536	4/28/87	Dorman et al.			
	4,664,567	05/12/87	Edwards			
	4,665,920	5/19/87	Campbell			
	4,677,883	7/7/87	Lee			
	4,677,972	7/7/87	Tornier			
	4,693,721	9/15/87	Ducheyne			



	4,696,290	8/29/87	Steffee			
	4,698,375	10/6/87	Dorman et al.			
	4,710,075	12/1/87	Davison			
Lit. 1	4,713,004	12/15/87	Linkow et al.			
	4,714,469	12/22/87	Kenna			
	4,721,103	1/26/88	Freedland			
	4,736,738	4/12/88	Lipovsek et al.			
Lit. 1 and 2	4,743,256	5/10/88	Brantigan			
	4,743,260	5/10/88	Burton			
	4,759,766	7/26/88	Buettner-Janz et al.			
	4,759,769	7/26/88	Hedman et al.			
	4,769,881	09/13/88	Pedigo et al.			
	4,781,591	11/01/88	Allen			
	4,790,303	12/13/88	Steffee			
	4,805,602	02/21/89	Puno et al.			
	4,820,305	4/11/89	Harms et al.			
	4,830,000	5/16/89	Shutt			
Lit. 1 and 2	4,834,757	5/30/89	Brantigan			
Lit. 2	4,848,327	7/18/89	Perdue			
	4,851,008	7/25/89	Johnson			
Lit. 2	4,863,476	09/05/89	Shepperd			
	4,863,477	9/5/89	Monson			
	4,865,603	9/12/89	Noiles			
Lit. 1	4,877,020	10/31/89	Vich			
Lit 1 and 2	4,878,915	11/7/89	Brantigan			
	4,903,882	2/27/90	Long			
	4,904,260	2/27/90	Ray et al.			
	4,904,261	2/27/90	Dove et al.			
	4,911,718	3/27/90	Lee et al.			
	4,913,144	4/3/90	Del Medico			
	4,936,848	6/26/90	Babgy			
	4,943,291	7/24/90	Tanguy			
	4,955,908	9/11/90	Frey et al.			

	4,955,885	9/11/90	Meyers			
	4,957,495	9/18/90	Kluger			
	4,960,420	10/2/90	Goble et al.			
	4,961,740	10/9/90	Ray et al.			
	4,968,316	11/6/90	Hergenroeder			
	4,969,888	11/13/90	Scholten et al.			
	4,987,904	1/29/91	Wilson			
	5,015,247	5/14/91	Michelson			
	5,015,255	6/14/91	Kuslich			
	5,026,373	6/25/91	Ray et al.			
	5,030,236	07/09/91	Dean			
	5,055,104	10/8/91	Ray			
	5,059,193	10/22/91	Kuslich			
	5,062,845	11/05/91	Kuslich et al.			
	5,071,437	12/10/91	Steffee			
Lit. 1	5,084,050	1/28/92	Draenert			
	5,102,414	4/7/92	Kirsch			
	5,105,819	04/1996	Wollschlager			
	5,108,422	04/28/92	Green et al.			
	5,112,336	05/12/92	Krevolin et al.			
	5,116,304	5/26/92	Cadwell			
	5,122,130	6/16/92	Keller			
	5,123,926	6/23/92	Pisharodi			
	5,171,278	12/15/92	Pisharodi			
	5,192,327	3/9/93	Brantigan			
	5,246,458	09/21/93	Graham			
	5,258,031	11/2/93	Salib et al.			
	5,263,953	11/23/93	Bagby			
	5,292,252	03/08/94	Nickerson et al.			
	5,306,309	4/26/94	Wagner et al.			
	5,314,427	05/24/94	Goble et al.			
	5,324,295	06/28/94	Shapiro			
	5,352,229	10/04/94	Goble et al.			



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	5,360,430	11/01/94	Lin			
	5,364,399	11/15/94	Lowery et al.			
	5,370,662	12/6/94	Stone et al.			
	5,370,697	12/06/94	Baumgartner			
	5,393,036	2/28/95	Sheridan			
	5,396,880	3/14/95	Kagan et al.			
	5,397,364	3/14/95	Kozak et al.			
	5,425,772	6/20/95	Brantigan			
	5,435,723	7/25/95	O'Brien			
	5,489,307	2/6/96	Kuslich et al.			
	5,489,308	2/6/96	Kuslich et al.			
	5,505,732	4/9/96	Michelson			
	5,571,109	11/5/96	Bertagnoli			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
Lit. 2	0 077 159	04/20/83	EPO			
	0 162 005	11/21/85	EPO			
	0 260 044	3/16/88	Europe			
	0303241 A2	02/15/89	EPO			
	0 307 241	3/15/89	Europe			
	0499485 A1	08/19/92	EPO			
	0551187 A1	07/14/93	EPO			
	0577179 A1	01/05/94	EPO			
	0 599 419 A2	6/1/94	Europe			
	0 179 695	4/30/86	France			
	2 295 729	07/23/76	France			
	2 581 336	11/7/86	France			
	2 703 580	10/14/94	France			
Lit. 1	1961531	7/9/70	Germany			
	24 46 039	04/03/75	Germany			
	DE 3101333 A1	12/24/81	Germany			



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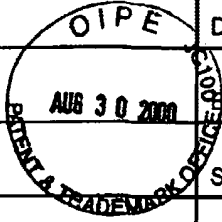
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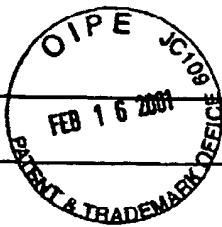
	DE 3132520 A1	6/5/82	Germany			
Lit. 1	DE 3505567 A1	6/5/86	Germany			
	DE 36 08 163 A1	09/24/87	Germany			
	DE 41 04 359 A1	08/20/92	Germany			
	GB 2076657 A	12/09/81	Great Britain			
	GB 2082754 A	03/10/82	Great Britain			
	GB 2126094 A	03/21/84	Great Britain			
	GB 2164277 A	03/19/86	Great Britain			
	57-29348	02/17/82	Japan			
	60-31706	02/18/85	Japan			
	60-43984	03/08/85	Japan			
	61-122859	06/10/86	Japan			
	62-155846	07/10/87	Japan			
	84/01298	04/12/84	PCT			
	91/06266	05/16/91	PCT			
	92/14423	09/03/92	PCT			
	93/01771	02/04/93	PCT			
	1107854	08/15/84	Soviet Union			
	1124960	11/23/84	Soviet Union			
	1217374	03/15/86	Soviet Union			
	1222254	04/07/86	Soviet Union			
Lit. 1	283078	05/01/85	Spain			
	106 101	7/21/39	Sweden			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Adams, et al.; Outline of Orthopaedics, Eleventh Edition; Trunk and Spine, p. 194
	Herkowitz, et al.; Principles of Bone Fusion; The Spine, Third Edition; Chapter 44, p. 1739
	Muschler, et al.; The Biology of Spinal Fusion; Spinal Fusion Science and Technique, Cotler and Cotler, pp. 9-13.
	Zindrick, et al.; Lumbar Spine Fusion: Different Types and Indications; The Lumbar Spine, Vol. 1, Second Edition, pp. 588-593 (1996)
	Gillingham, F.J., et al.; Automatic Patient Monitoring in the Ward; Brit. J. Surg., Vol. 53, No. 10, pp. 864-866 (October 1966)
	Maloney, A.F.J., et al.; Clinical and Pathological Observations in Fatal Head Injuries, Brit. J. Surg., Vol. 56, No. 1, pp. 23-31 (January 1969)
	Harris, P., et al.; Spinal Deformity After Spinal Cord Injury; Paraplegia, Vol. 6, No. 4, pp. 232-238 (February 1969)

	Gillingham, F.J., et al.; Head injuries; Proceedings of the 18 <sup>th</sup> World Congress of the International College of Surgeons, Rome, pp. 68-71 (May 28-31, 1972)
	Whatmore, W. J.; Sincipital Encephalomeningoceles; Brit. J. Surg., Vol. 60, No. 4, pp. 261-270 (April 1973)
	Whatmore, W. J.; Meningioma Following Trauma; Brit. J. Surg., Vol. 60, No. 6, pp. 496-498 (June 1973)
Lit. 1	Bagby, George W.; Wobbler Syndrome in Horses (the Ataxic Horse); Spokane County Medical Society Bulletin; Spring 1979
	Rathke, F.W., et al.; Surgery of the Spine; Atlas of Orthopaedic Operations, Vol. 1, p. 137, W.B. Saunders Co., Philadelphia (1979)
Lit. 1	Albrektsson, T., et al.; Osseointegrated Titanium Implants; Acta. Orthop. Scand.; Vol. 52:155-170 (1981)
Lit. 1	Raveh, J., et al.; Neue Rekonstruktionsmöglichkeiten des Unterkiefers bei knöchernen Defekten nach Tumoresektionen; Der Chirurg Vol. 53:459-467 (1982)
	Crock, H. V.; Practice of Spinal Surgery; Springer-Verlag/Wien, New York (1983)
Lit. 1 and 2	DeBowes, R.M., et al.; Study of Bovine...Steel Baskets; Transactions of the 29th Annual Meeting; Orthopaedic Research Society, Vol. 8, p. 407, March 8-10 (1983)
	O'Neill, P., et al.; Spinal Meningoceles in Association with Neurofibromatosis; Neurosurgery, Vol. 13, No. 1, pp. 82-84 (July 1983)
Lit. 2	Brandt, L., et al.; A Dowel Insert for Anterior Cervical Interbody Fusion; J. Neurosurg. 61:793-794 (October 1984)
	Whatmore, W.J., et al.; The Coventry Cervical Spreader and Dowel Insert; ACTA Neurochirurgica, Vol. 70, FASC. 1-2 (1984)
Lit. 1	Raveh, J., et al.; Use of the Titanium-coated Hollow Screw and Reconstruction Plate System in Bridging of Lower Jaw Defects; J. Oral Maxillofac Surg. 42:281-294 (1984)
Lit. 1 and 2	Otero-Vich, Jose M.; Anterior Cervical Interbody Fusion with Threaded Cylindrical Bone; J. Neurosurg 63:750-753 (November 1985)
Lit. 1	Morscher, E., et al.; Die vordere Verplattung der Halswirbelsäule mit dem Hohlschrauben-Plattensystem aus Titanium, Der Chirurg, Vol. 57, pp. 702-707 (1986) with English Translation
Lit. 1 and 2	Bagby, G.W.; Basket Implant Facilitates Spinal Fusion; Orthopedics Today, Vol. 7, No. 10, (October 1987)
Lit. 1	Butts, M. K., et al.; Biomechanical Analysis of a New Method for Spinal Interbody Fixation; 1987 Symposium, American Society of Mechanical Engineers, "Advances in Bioengineering", Boston, MA (Dec. 13-18, 1987)
Lit. 1	Crawley et al.; A Modified Cloward's Technique for Arthrodesis of the Normal Metacarpophalangeal Joint in the Horse; Veterinary Surgery, Vol. 17, No. 3, pp. 117-127 (1988)
Lit. 1	Raveh, J., et al.; Surgical Procedures for Reconstruction of the Lower Jaw Using the Titanium-Coated Hollow-Screw Reconstruction Plate System: Bridging of Defects; Otolaryngologic Clinics of North America; Vol 20, No. 3 (August 1987)
	Whatmore, W. J.; Proceedings of the Society of British Neurological Surgeons; Journal of Neurology, Neurosurgery, and Psychiatry, 50:1093-1100 (1987)
Lit. 2	Goldthwaite, N., et al.; Toward Percutaneous Spine Fusion; Ch. 45; Lumbar Spine Surgery; C.V. Mosby Company, pp. 512-522 (1987)
Lit. 1 and 2	Bagby, G.W.; Arthrodesis by the Distraction-Compression Method Using a Stainless Steel Implant; Orthopedics, Vol. 11, No. 6, pp. 931-34 (June 1987)

Lit. 1	Itoman, M., et al.; Banked Bone Grafting for Bone Defect Repair—Clinical Evaluation of Bone Union and Graft Incorporation; J. Jpn. Orthop. Assoc. 62:461-469 (1988)
	Kane, W.J.; Direct Current Electrical Bone Growth Stimulation for Spinal Fusion; Spine, Vol. 13, No. 3, pp. 363-365 (March 1988)
	The SpF-T Spinal Fusion Stimulator: An Efficacious Adjunct that Meets the Diverse Needs of Spine Patients; EBI Medical Systems; (August 1991)
	Schmitz et al.; Performance of Alloplastic Materials and Design of an Artificial Disc; The Artificial Disc, Brock, Mayer, Weigel; pp. 23-34 (1991)
	The Use of Direct Current for Electrically Induced Osteogenesis; The Positive Effect of an Electronegative charge on Bone Growth; EBI Medical Systems (Feb. 1993)
	Mytonas, C., et al.; Anterior Cervical Decompression and Fusion Using the Coventry Cervical Spreader and Dowel Inserter; British Journal of Neurosurgery, 7:545-549 (1993)
	Fusion of the Lumbar Spine; Anterior Monosegmental Fusion L5-S1, Atlas of Spinal Operations, Thieme, pp. 270-274 (1993)
	Spine Basics, Danek Group, Inc., Glossary (1993)
	Lumbar Spine Surgery, Techniques & Complications; History of Lumbar Spine Surgery (1994) pp. 11-15; 27; 30; 35-45; 265-268
Examiner	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
<p>Form PTO 1449 Patent and Trademark Office - U.S. Department of Commerce</p>	



Customer No. 22882

OMB No. 0651-0011

**INFORMATION DISCLOSURE CITATION**  
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Applicant Gary K. Michelson, M.D.

Filing Date June 27, 2000

Group (3764)

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,279,292	01/1994	Baumann			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
	0 162 005	11/1985	EPO			Abstract Only
	0 179 695	04/1986	Europe			Yes
	2 295 729	07/1976	France			U.K. Equivalent GB 1531487
	2 581 336	11/1986	France			Abstract Only
	2 703 580	10/1994	France			Abstract Only
Lit. 1	1961531	07/1970	Germany			U.K. Equivalent GB 1291470
	24 46 039	04/1975	Germany			U.K. Equivalent GB 1492990
	DE 3101333 A1	12/1981	Germany			Abstract Only
	DE 3132520 A1	06/1982	Germany			Abstract Only
Lit. 1	DE 3505567 A1	06/1986	Germany			Abstract Only
	DE 36 08 163 A1	09/1987	Germany			Abstract Only
	DE 41 04 359 A1	08/1992	Germany			U.S. Equivalent US 5,279,292
	1291470	10/1972	Great Britain			N/A
	1492990	11/1977	Great Britain			N/A
	1531487	11/1978	Great Britain			N/A
	57-29348	02/1982	Japan			U.S. Equivalent US 4,349,921
	60-31706	02/1985	Japan			Yes

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FEB 16 2001

096005,001  
Page 2 of 2

	60-43984	03/1985	Japan		Yes
	61-122859	06/1986	Japan		U.S. Equivalent US 4,759,766
	62-155846	07/1987	Japan		Yes
	1107854	08/1984	Soviet Union		Yes
	1124960	11/1984	Soviet Union		Abstract Only
	1217374	03/1986	Soviet Union		Abstract Only
	1222254	04/1986	Soviet Union		Abstract Only
Lit. 1	283078	05/1985	Spain		U.S. Equivalent US 4,877,020
	106 101	07/1939	Sweden		English Language Search Report

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Examiner

Date Considered

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Substitute for FORM PTO-1449		Attorney Docket Number 101.0044-04000	Customer No. 22882
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary) Sheet <u>1</u> of <u>2</u>		Applicant Gary K. Michelson, M.D.	Application Number 09/605,001
		Filing Date June 27, 2000	Group Art Unit 3764
Examiner M. Brown			

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Lit. 3b	3,719,186	03/1973	Merig, Jr.			
Lit. 3c	4,349,921	09/1982	Kuntz			
Lit. 3b/3c	4,570,624	02/1986	Wu			
Lit. 3c	4,714,469	12/1987	Kenna			
Lit. 3c	5,026,373	06/1991	Ray et al.			
Lit. 3a/3c	5,055,104	10/1991	Ray			
Lit. 3a/3c	5,489,307	02/1996	Kuslich et al.			

**RECEIVED**  
OCT 03 2003  
TECHNOLOGY CENTER B3700

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)
Lit. 3a/3b/3c	EP 0 077 159	04/1983	Europe			N/A

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Lit. 3a/3c	Cloward, Ralph B.; Surgical Techniques for Lumbar Disc Lesions; Codman; Signature Serial 3.
Lit. 3c	Cloward, Ralph B.; Ruptured Cervical Intervertebral Discs: Removal of Disc & Osteophytes & Anterior Cervical Interbody Fusion (A.C.I.F.); Codman; Signature Series 4.
Lit. 3	Cloward, Ralph B.; Recent Advances in Surgery of the Cervical Spine; pp. 285-293; German Society For Neurosurgery: Volume 2 Cervical Spine Operations; Excerpta Medica.
Lit. 3a/3b	Otero-Vich, Jose M.; Anterior Cervical Interbody Fusion with Threaded Cylindrical Bone; pp. 750-753; Journal of Neurosurgery, November 1985, Volume 63, No. 5.
Lit. 3c	Hutter, Charles George; Spinal Stenosis and Posterior Lumbar Interbody Fusion; pp. 103-114; Clinical Orthopaedics and Related Research; No. 193; The Association of Bone and Joint Surgeons.
Lit. 3c	Lin, Paul M.; Posterior Lumbar Interbody Fusion; pp. 114-122; Charles C. Thomas; Springfield, Illinois.
Lit. 3c	Lin, Paul M.; Lumbar Interbody Fusion: Principles and Techniques in Spine Surgery; Techniques and Complications; pp. 81, 98, 120, 146, 173, 180-184, 204, 224, 225, 231; Aspen Publishers, Inc.; 1989.
Lit. 3c	Tan, S.B.; A Modified Technique of Anterior Lumbar Fusion with Femoral Cortical Allograft; pp. 83-93; The Journal of Orthopaedic Surgical Techniques, Volume 5, No. 3, 1990.
Lit. 3a/3b	Muller, M.E.; Manual of Internal Fixation: Techniques Recommended by the AO Group; Second Edition, Expanded and Revised; pp. 3-20, 27-41, 53-58, 71-78, 94, 311, 320; Springer-Verlag; 1979.
Lit. 3a/3b	Hierholzer, G.; Manual on the AO/ASIF Tubular External Fixator; pp. 85-91; Springer-Verlag; 1985.
Lit. 3a/3b	Heim, Urs; Small Fragment Set Manual: Technique Recommended by the ASIF-Group; pp. 5-7, 10, 20, 21, 30; Springer-Verlag; 1974.
Lit. 3c	Harmon, Paul H.; Anterior Excision and Vertebral Body Fusion Operation for Intervertebral Disk Syndromes of the Lower Lumbar Spine: Three- to Five-Year Results in 244 Cases; pp. 107-127; Clinical Orthopaedics and Related Research, No. 26, J.B. Lippincott Company, 1963.

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Lit. 3c	Harmon, Paul H.; A Simplified Surgical Technic for Anterior Lumbar Disectomy and Fusion; Avoidance of Complications; Anatomy of the Retroperitoneal Veins; pp. 130-143; Clinical Orthopaedics and Related Research, No. 37, J.B. Lippincott Company, 1964.	
Lit. 3b	Bullough, Peter G.; Atlas of Spinal Diseases; Figure 5.7; J.B. Lippencott Company; 1988	
Lit. 3a	Butts, M.K.; Biomechanical Analysis of a New Method for Spinal Interbody Fixation; 1987 Symposium, American Society of Mechanical Engineers, "Advance in Bioengineering", Boston, MA (December 13-18, 1987).	
Lit. 3	Canale, S. Terry; Campbell's Operative Orthopaedics; Volume 3, 9 <sup>th</sup> Edition; pp. 2191, 2216, 2459; Mosby, 1998.	
EXAMINER		DATE CONSIDERED
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